2-711-15314

GEOLOGICAL, SOIL AND ROCK GEOCHEMICAL, AND MAGNETIC SURVEYS NUSWAT, CORE LODE 1, AND CORE LODE 2 MINERAL CLAIMS

OMINECA MINING DIVISION

TROITSA LAKE AREA, B.C.

NTS 93 E/11 W

LATITUDE 53° ~~32~~ 32.7' N, LONGITUDE 127° ~~23~~ 22.3' W

Owner: Perimeter Ventures Ltd.
Operator: Locke B. Goldsmith

Prepared for

PAYDAY RESOURCES INC.

ARCTEX ENGINEERING SERVICES

Locke B. Goldsmith, P.Eng.
Consulting Geologist

P. Kallock
Geologist

November 8, 1986

TABLE OF CONTENTS

GEOLOGICAL, SOIL AND ROCK GEOCHEMICAL, AND MAGNETIC SURVEYS NUSWAT, CORE LODE 1, AND CORE LODE 2 MINERAL CLAIMS OMINECA MINING DIVISION TROITSA LAKE AREA, B.C. NTS 93 E/11 W

SUMMARY

The Nuswat, Core Lode 1, and 2 mineral claims of Payday Resources Inc. are located in west-central British Columbia, 110 km south of Houston, B.C. Geological mapping during August 1986 has found the central part of the claim area to be underlain by intermediate volcanics of the Upper Cretaceous Kasalka Group. Along the eastern margin of the Core Lode 1 and 2 claims, sedimentary rocks and an intrusive rhyolite sill (?) are present. Anomalous values of gold in soils of up to 810 ppb Au may be associated with the rhyolite; copper porphyry-type mineralization is also present within 500 m of the gold anomaly. Other gold anomalies within the 411 sample grid area include values up to 300 ppb Au. Additional types of mineralization encountered during geological mapping include quartz, pyrite, and galena veins which carry up to 92.0 ppm Ag and 1550 ppb Au. Limited follow-up detailed geological mapping, rock chip geochemical sampling, and hand trenching are recommended in the anomalous areas at a cost of $16,500. The property should be put on a maintenance basis awaiting other developments in the area.

INTRODUCTION

The Nuswat, Core Lode 1 and Core Lode 2 mineral claims are located on the south and west shore of Troitsa Lake in west-central British Columbia, 110 km south-southwest of Houston, B.C. The claims are situated in the Omineca Mining Division, NTS map sheet 93 E/11 W. Co-ordinates 53°32'N latitude and 127°23'W longitude cross the property. Elevations range from 898 metres (2947 feet) at Troitsa Lake to 1863 metres (6110 feet) at the peak in the centre of the Nuswat claim. The property consists of 54 units (approximately 900 hectares) and is owned by Payday Resources Inc.

Claim Name	Units	Record No.	Recording Date	Expiry Date
Nuswat	20	5202(5)	May 30, 1983	May 30, 1987
Core Lode 1	16	5513(7)	July 12, 1983	July 12, 1987
Core Lode 2	18	5514(7)	July 12, 1983	July 12, 1987

The north shore of Tahtsa Lake, 16 km north of the claims, is the terminus of the nearest road. Helicopter transport from Houston, B.C., 110 km northeast of the property, is available.

The Troitsa Lake area, now partially covered by the Payday Resources Inc. claims, was first staked in 1966. Silver Standard Mines Ltd. carried out limited mapping, trenching and drilling in that year. In 1969, Aston Resources acquired the property and flew an airborne magnetic and electromagnetic survey in the area. Cerro Mining Company of Canada acquired the property in 1971. In 1972, Quintana Minerals Corporation completed a single 457-metre diamond drill hole. Detailed geologic mapping was later carried out by Cawthorn (1973).

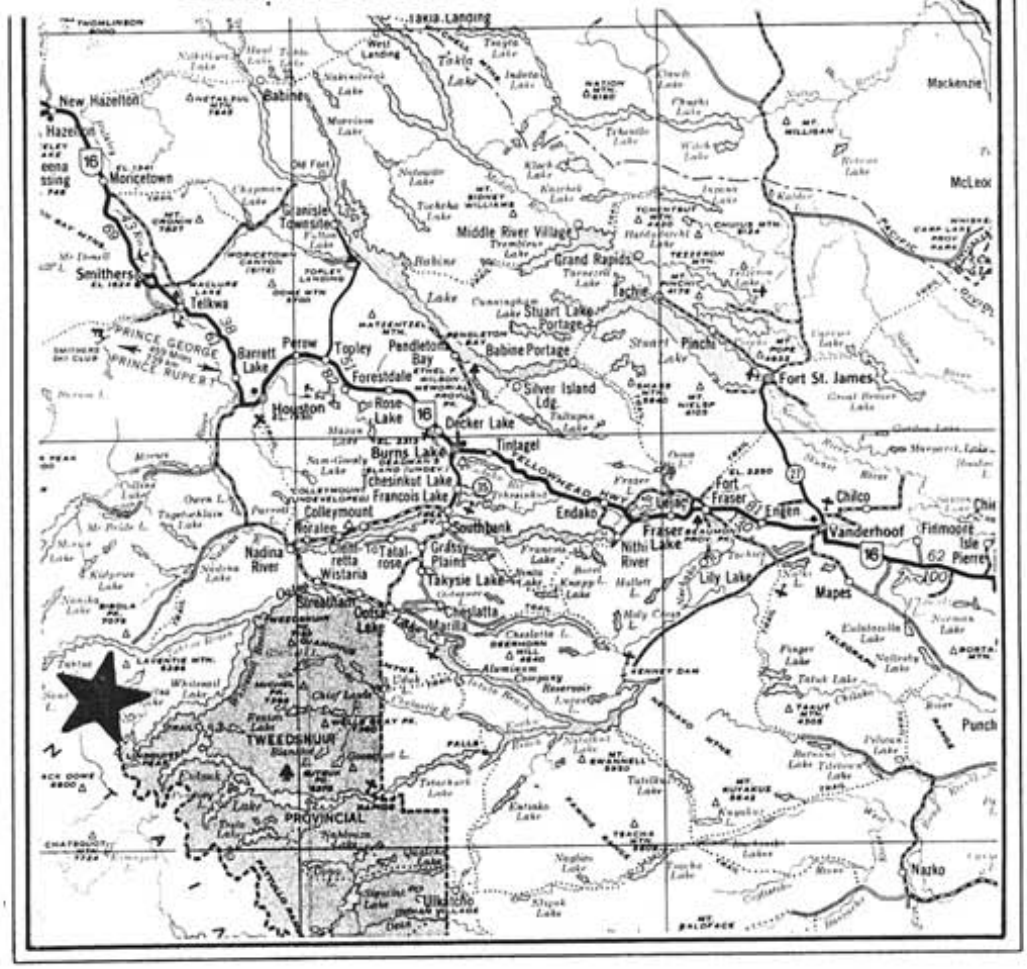
The Nuswat and Core Lode 1 and 2 claims were staked in 1983. They cover the northern part of the mineralized instrusive which attracted the original exploration. Detailed soil sampling in the southern parts of the claims was undertaken in 1983 by J.G.Ager Consultants Ltd. Subsequent evaluation of the 1983 survey was made by Arctex Engineering Services (Kallock and Goldsmith, 1984). On May 23 and 24, 1986, an aerial

LOCATION MAP

NUSWAT and CORE LODE CLAIMS

Troitsa Lake - Whitesail Lake area

OMINECA M.D.



PAYDAY
RESOURCES INC.

To accompany report by

P. KALLOCK, GEOLOGIST

L.B. GOLDSMITH, P. Eng., CONSULTING GEOLOGIST.

ARCTEX ENGINEERING SERVICES

Sept. 1986

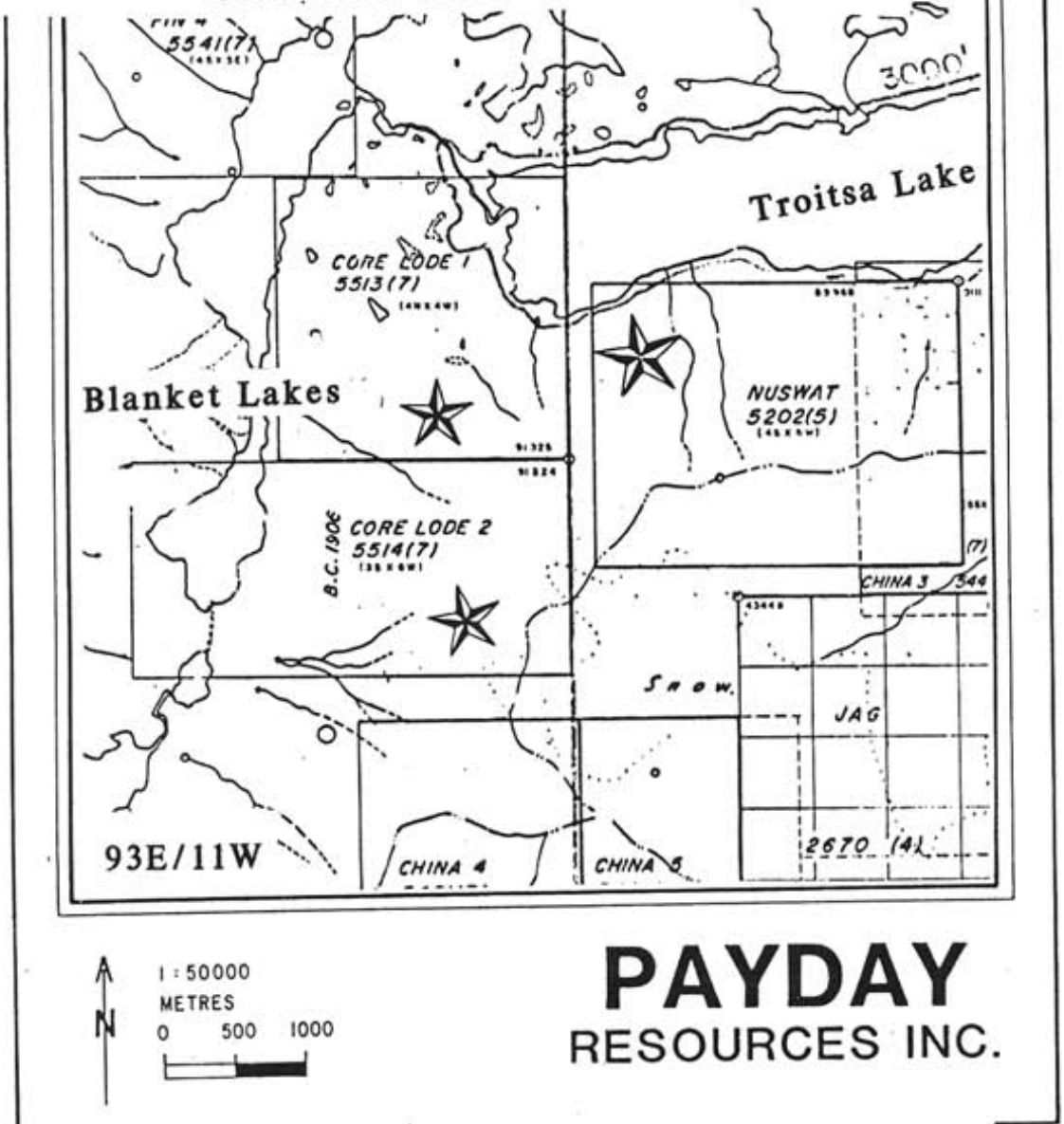
REGISTERED PROFESSIONAL ENGINEER
L. B. GOLDSMITH
PROVINCE OF ONTARIO

Claim Map

NUSWAT and CORE LODE CLAIMS

Troitsa Lake - Whitesail Lake area

OMINECA M.D.



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reconnaissance and soil geochemical survey were carried out at the lower elevations of the Core Lode 1 and 2 and northwestern slopes of the Nuswat claims (Kallock and Goldsmith, 1986). During August 1986, the soil survey was extended to the south, north, and west. Geological mapping, local rock chip sampling, and a magnetic survey were also combined with this programme and are the subject of this report.

GEOLOGIC SETTING

Regionally, the Nuswat and Core Lode 1 and 2 claims lie within the Intermontane Belt, approximately 15 km east of the main granitic masses and metamorphics of the Coast Plutonic Complex. To the south and east, the Jurassic Hazelton Group composed primarily of volcanics and lesser sediments forms the basement or oldest rock units. Overlying the Hazelton Group in the claim area and to the north are sediments of the Lower Cretaceous Skeena Group and a thick sequence of subaerial volcanics of the Kasalka Group. Intimately related to Cretaceous vulcanism are various intermediate intrusions grouped as Bulkley or Kasalka type.

Block faulting, ring and radial faults, and subsequent intrusion by dykes and/or hydrothermal fluids may have affected a large part of the area betwen Tahtsa and Troitsa lakes where a large caldera, 22 km in diameter, may have formed during Cretaceous vulcanism. The Payday Resources Inc. property may straddle the southern rim of this obscure collapse feature.

Description of the geology of the Troitsa Lake area has been addressed in a previous report for Payday Resources Inc. by Kallock and Goldsmith (1984). The reader should refer to this report for stratigraphic and structural data as compiled by others for the geologic setting of the Nuswat et al. claims.

In summary, the Nuswat claim is underlain, in large part, by a compositionally zoned circular stock of granodiorite to quartz monzonite which intrudes rocks of the Hazelton, Skeena and Kasalka groups. It is referred to as the Troitsa stock and appears to have a relatively flat top. A thick lensoid-shaped mass of quartz porphyry or rhyolite with sill-like extremities intrudes the stock along its western margin in the area of the Core Lode 1 and 2 claim. Northwest and (rarely) northeast-trending dykes of quartz

porphyry, lamprophyre, andesite and feldspar porphyry cut both the granodiorite and rhyolite intrusions. The western parts of the Core Lode 1 and 2 claims are underlain primarily by volcanics of the Kasalka Group.

LOCAL GEOLOGY

The geology of the claims has been mapped at a scale of 1:5000. The hip-chain and compass grid lines established for soil and geophysical surveys were used as control for the mapping.

Stratigraphy

Most of the area of geological mapping is underlain by volcanic and sedimentary rocks of the Kasalka Group of Upper Cretaceous age. Several rock units within this Group have been distinguished at the Payday Resources Inc. property.

Intermediate volcanic flows and pyroclastics of dacitic to basaltic composition are common in the west and northwest part of the map area. Chlorite, epidote and calcite are common minerals within the flows and breccias. At several locations, bedding within the tuffs and tuff breccias was noted. East to northeast-striking layers with very gentle northwest dips are most common.

Colour of volcanics is variable from reddish-brown or purple to shades of grey and green, depending upon the chlorite, epidote, and hematite content. Flows occasionally exhibit quartz or calcite amygdules. A few rocks are weakly porphyritic with feldspar phenocrysts.

A distinctive rock unit which outcrops only east of the major northeast-trending fault is questionably assigned to the Kasalka Group. It is a hard, black, aphanitic rock which could be metasediment and/or metavolcanic. It commonly contains very fine-grained dissemianted pyrite or pyrrhotite and exhibits strong rusty-brown iron stain on the weathered surface. Near 10+25N 18+75W bedding or layering was seen in the black rock which resembles banded argillite. Very gentle southeast dips were apparent.

STRATIGRAPHIC COLUMN

NUSWAT, CORE LODE 1 & 2 CLAIMS

Younger Dykes, Sills or Small Plugs

Includes trachyte, latite, andesite, rhyodacite, quartz porphyry, and feldspar porphyry

Kasalka Group - Upper Cretaceous

Bergette Formation - rhyolite or rhyodacite flows or intrusive sills or dykes

No formational assignment given to the following rock units:

Pebble conglomerate, breccia, or fine-grained sandstone

Intermediate volcanic flow or fine-grained tuff

Metasediment or metavolcanic; black aphanitic, pyritic, limonitic

Andesite, lesser dacite and basalt, breccias, tuffs, and flows

Bulkley Intrusions - Upper Cretaceous

Granodiorite: fine to medium-grained biotite granodiorite

Intermediate flows and fine-grained tuffs (?) are occasionally seen adjacent to the black, iron-stained rock unit. This unit has a light tan to rusty-brown appearance and at a few localities was thought to grade into the black rock unit. Similarly it may grade into the overlying (?) pebble conglomerate. No bedding attitudes were observed.

Pebble conglomerate, breccia, and fine-grained sandstone are present in several exposures within or below the rhyolite (Bergette Formation) unit. Well rounded to angular pebbles up to 3 cm in diameter can be found. Bedding has been noted which trends northeast with horizontal to gentle southeast dips.

The upper slopes of the map area are mostly underlain by white to light tan rhyolite or rhyodacite. Outcrops of this rock are abundant and numerous talus areas are composed of platy slabs of rhyolite which have a light to moderately rusty brown weathered appearance. Minor quartz or feldspar phenocrysts are occasionally visible but, generally, the rock is massive, very fine-grained, and does not show flow foliation or bedding.

A northeast-trending wedge of rhyolite breccia is present at 24+00W 7+50N. Toward the northeast it narrows and may pinch out north of the camp site at 19+50W 12+00N. It is composed of fine-grained, angular to subrounded felsic volcanic clasts set in a siliceous matrix. Numerous irregular quartz veinlets are also present.

Near the eastern margin of the map area and extending along the ridge toward Troitsa Peak, fresh, unaltered biotite granodiorite is exposed. It is fine to medium-grained and erodes into large, blocky, rugged exposures. Similar rock was seen in the northern part of the map area except that it contained 10-20% disseminated and veinlet pyrite.

The age of the granodiorite may be Upper Cretaceous; it may belong to similar stocks which are grouped as Bulkley Intrusions (Cawthorn, 1973).

Rocks of the Nuswat et al. claims are bisected by numerous dykes with wide ranges of composition. Their distribution and attitude are shown on the geology map. A northwest trend with moderate dips to the southwest is the preferred orientation of the dykes. Width of dykes vary from a few centimetres to 25 metres, as exhibited by the rhyodacite (Kasalka?) dyke which extends over 500 m in length between 21+00W 12+00N and 25+00W 14+75N.

Many dykes have been accompanied by shearing on one or both walls. Quartz veining and/or sulphide mineralization may also be present within the shear zones or within adjacent host rocks. Examples of this include the quartz-pyrite-galena vein at 16+05N 19+05W and the dacite dyke at 16+40N 9+45W.

Limited exposure of igneous rocks such as the feldspar porphyry near 12+00W 21+50N does not permit assignment of mode of intrusion or relation with other rock types in the area. Some dykes could be intrusive equivalents of overlying volcanics or feeders for such flows.

Structure

Two major faults bisect the map area. A northeast-trending fault coincides with stream drainage northeast and southwest of the camp site. In the vicinity of the camp (12+00N 18+75W) the fault follows a major slope change. Steep slopes of rhyolite and sediments lie to the east, and andesite-dominated hilly terrain lies to the west.

The second major fault trends northwesterly and coincides with a major stream. Soft clay-altered volcanics adjacent to a rhyodacite dyke have been easily eroded. This southwest-dipping fault appears to terminate near the northeast-trending fault.

Other evidence of faulting can be seen adjacent to many of the northwest-trending dykes. At 16+40N 9+45W, 16+50N 7+25W, 16+05N 19+05W, 14+75N 25+25W, and at several other locations, dykes exhibit fault contacts with host rocks. Mineralization, including quartz and sulphide introduction, are common accessory minerals in these fault zones.

Folding of rocks is not readily visible in the claim area. Most of the bedding attitudes that were seen display gentle dips and northeast strikes. Correlation of beds across the major faults was not possible, hence amount of displacement along the faults was not determined.

Mineralization, Alteration, and Rock Geochemistry

During the course of geological mapping a number of outcrops which showed significant mineralization were sampled. Descriptions of these rocks and geochemical analyses for gold (and in some samples, silver) are included in the Appendix of this report.

Of the 18 rock samples collected, the three highest values of 265, 430 and 1550 ppb (parts per billion) Au came from a quartz-pyrite-galena vein near 16+05 N 19+05W. The vein is actually a zone up to 1.7 m wide which includes several quartz-sulphide veins and abundant clay, calcite, and altered andesite which occurs adjacent to an andesite dyke in a N48°W 76°S fault zone. The zone is exposed for 32 m along strike. Values of gold and silver appear to increase toward the northwest (downslope) where a 0.27 m chip sample across the zone contained 92.0 ppm silver and 1550 ppb gold. However, width of the vein zone appears to be decreasing towards the northwest.

Approximately 200 m to the southeast, at 14+60N 17+10W a quartz-pyrite-galena vein was sampled which is thought to be the extension of the 16+05N 19+05W vein. A 0.25 m chip sample across the vein at this location contained 15.0 ppm Ag and 160 ppb Au.

Stockwork chalcopyrite veinlets were seen at approximately 23+00N 12+00W. They are accompanied by veinlets of quartz and pyrite in strongly altered volcanics. A sample of the porphyry copper mineralization contained 140 ppb gold. Within the outcrop of most intense chalcopyrite veining an old diamond drill hole was seen. No records of drilling from this area are known to the authors.

Adjacent to the copper occurrence, rhyodacite and biotite granodiorite contain strong argillic alteration and up to 20% pyrite. Farther south, chlorite and epidote are more abundant.

Another area of significant mineralization occurs at 16+40N 9+45W where a shear zone follows a vertical, northwest-trending dacite porphyry dyke. A 0.4 m chip sample across this zone which showed quartz, calcite, limonite, and pyrite, contained 150 ppb Au. Similar mineralization may have been repsonsible for the elevated gold values obtained from the soil survey near this area.

Several other narrow, steeply dipping, northwest-trending quartz, pyrite, and limonite veins were sampled which contained between 100 and 145 ppb Au. These veins appear to be limited in extent and are not associated with significant soil anomalies.

SOIL GEOCHEMICAL SURVEY

To facilitate soil sampling at the Payday Resources Inc. property a north-south base line was established at the west end of the previously established grid at 18+00W. Hip chain and compass were used to survey east-west lines with 150 m separations and 50 m sample stations along these lines. In addition, several detailed lines with 25 m sample stations were surveyed in the area of the previously detected gold soil anomaly. Samples were analysed for gold at Chemex Labs Ltd. of North Vancouver, B.C. Geochemical analyses and analytical procedures are listed in the Appendix. Soil samples were collected from the "C" soil horizon with the use of a narrow spade. In total, 22.75 km of grid line were established and 411 samples collected during the August 1986 programme.

A subjective scan of the gold values of the soil samples indicates that those samples which contain over 50 ppb gold may be considered anomalous especially when 2 or more samples are grouped together. Using this method it is evident that one area of the claim group is distinctive.

In the eastern parts of grid lines 15+75N through 19+50N from 500 to 900 m south of Troitsa Lake, 21 soil samples contained greater than 100 ppb gold. A high value of 810 ppb was obtained at 18+00N 7+50W.

From geological mapping in the southern (upslope) part of the anomaly it appears that rhyolite is the dominant rock type with subsidiary northwest-trending dykes of latite, monzonite, and trachyte. Several areas contain quartz and/or pyrite. Moderately intense iron stain is pervasive. Porphyry-type copper mineralization is located 450 m northwest of the anomaly.

Another soil anomaly located at 19+00W to 19+50W on 13+50N may be significant. Two values of 270 and 300 ppb gold are considered strongly anomalous. They are probably underlain by andesite flows or tuffs. Furthermore, the rhyolite breccia which is prominent south of the camp site, may project into this area.

MAGNETIC SURVEY

A magnetometer survey was conducted over the surveyed grid. Readings of the vertical field magnetic intensity were made at 25 m stations along the grid lines using a Scintrex MF-1 fluxgate magnetometer. Diurnal corrections were made from a base station established near the camp site. Readings have been plotted and contoured at 500 gamma intervals.

In the southwest part of the grid area a magnetic high lies on the west side of the major northeast-trending fault zone. This is an area underlain by intermediate volcanics. A perpendicularly oriented magnetic high and adjacent low appear to truncate this magnetic high at 7+50N 21+50W. This truncating feature may correspond to northwest-trending fault zone. Slightly farther to the northeast near 7+50N 19+00W another broad magnetic high is recorded. It lies on the east side of the major northeast-trending fault and may be an offset portion of the first mentioned magnetic high.

The magnetic signature of the northeast part of the grid area is characterized by spotty low values. No correlative geological features are apparent.

CONCLUSIONS

The western part of the grid area surveyed during the August 1986 exploration programme of the Nuswat, Core Lode 1 and 2 mineral claims is underlain by intermediate volcanics of the Cretaceous Kasalka Group. East of a major northeast-trending fault which bisects the claim, sedimentary rock and a rhyolite sill (?) which also belong to the Kasalka Group are the dominant rock units.

A large biotite granodiorite stock, classed as a Bulkley Intrusion, is present in the eastern margin of the grid area. A similar or closely related intrusive is present south of Troitsa Lake near the north end of the grid near copper porphyry-type mineralization. Soil sampling during 1986 has confirmed and expanded an area of anomalous gold values of up to 810 ppb Au which lies 400-500 m upslope from the porphyry mineralization in an area underlain by rhyolite. Rock samples from shear zones containing quartz, limonite, and

pyrite from the vicinity of the anomalous area contain up to 150 ppb gold.

Another area of anomalous gold in soils occurs at 13+50N 19+00W. Andesite is thought to underlie this area where up to 300 ppb Au was detected.

A quartz-pyrite-galena vein was discovered near 16+05N 19+05W. It occurs in a northwest-trending shear zone which is up to 1.7 m wide and traceable for at least 32 metres. Values up to 1550 ppb Au and 92.0 ppm Ag were obtained from chip samples taken across 0.27 m of the vein-zone.

A magnetic survey reflects some structural and lithologic features, particularly in the western part of the grid. However, significant contribution to the understanding of the geology of the northeast part of the grid was not obtained from magnetics.

It is possible that gold values in soil near 18+00N 7+50W are derived from a restricted bedrock source which contains concentrations in the same range as the soil values. Small gold-bearing veins or shears may be peripheral and genetically related to the intrusive which hosts porphyry copper-type mineralization.

A second interpretation could involve gold background inherent within a rhyolite unit; in this case, there may be no appreciable concentration.

RECOMMENDATIONS

Although no economic deposits were located during the 1986 work, copper, gold, and silver mineralization is present. Phase 3 exploration might involve detailed rock geochemical sampling within the areas of high gold in soils to search for a disseminated gold deposit. The gold content of the porphyry copper mineralization should also be investigated. A small amount of hand trenching might accompany this programme.

Assessment work should be filed to maintain the claims in good standing. The property should be held awaiting other developments in the vicinity. No work should be contemplated for the next season.

COST ESTIMATE

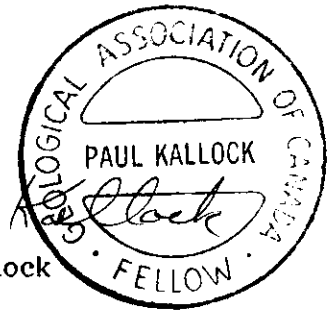
Phase 2 of previous recommendations (Goldsmith and Kallock, 1986; Kallock and Goldsmith, 1984) has been completed and documented by this report.

Phase 3

Rock and soil geochemical surveys, hand trenching	$ 2,000
Detailed geological mapping	3,000
Camp and supplies	1,500
Travel	1,000
Helicopter	1,500
Assays, analyses	2,000
Engineering and supervision	2,000
Report	2,000
	15,000
Contingencies at 10%	1,500
Total, Phase 3	$16,500

Results of Phase 3 should be compiled into an engineering report. Further work should be contingent upon receiving favourable conclusions and recommendations from an Engineer.

Respectfully submitted,



Locke B. Goldsmith, P.Eng.
Consulting Geologist

Paul Kallock
Geologist

Vancouver, B.C.
November 8, 1986

ENGINEER'S CERTIFICATE
LOCKE B. GOLDSMITH

1. I, Locke B. Goldsmith, am a Registered Professional Engineer in the Province of Ontario and the Northwest Territories, and a Registered Professional Geologist in the State of Oregon. My address is 301, 1855 Balsam Street, Vancouver, B.C.
2. I have a B.Sc. (Honours) degree in Geology from Michigan Technological University, a M.Sc. degree in Geology from the University of British Columbia, and have done postgraduate study in Geology at Michigan Tech and the University of Nevada. I am a graduate of the Haileybury School of Mines, and am a Certified Mining Technician. I am a Member of the Society of Economic Geologists, the AIME, and the Australasian Institute of Mining and Metallurgy, and a Fellow of the Geological Association of Canada.
3. I have been engaged in mining exploration for the past 28 years.
4. I have co-authored the report entitled, "Geological, Soil and Rock Geochemical, and Magnetic Survey, Nuswat, Core Lode 1 and Core Lode 2 Mineral Claims, Omineca Mining Division, Troitsa Lake, B.C.", dated November 8, 1986. The report is based upon fieldwork and research supervised by the author.
5. I have no ownership in the property, nor in the stocks of Payday Resources Inc.
6. I consent to the use of this report in a prospectus, or in a statement of material facts related to the raising of funds.

Respectfully submitted,

Locke B. Goldsmith, P.Eng.
Consulting Geologist

Vancouver, B.C.
November 8, 1986

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COST STATEMENT, 1986 PROGRAMME

Personnel

L.B. Goldsmith, July 23(1/8), Aug. 7(1/8), 13(1/4), Sept. 4(1/8), 9(1/4), 11(1/4), 15(1/8), 18(1/4), 25(1/4), Oct. 18(1/8), 20(1/8), Nov. 7(1/4), 8(1/4), 11(1/8), 19(1/8), 20(1/4), total 3 days at $400/day	$ 1,200.00	
Kallock, Aug. 18-28, Nov. 2(1/2), 3, 4(1/4), total 12-3/4 days at $330/day	4,207.50	
A. Charest, Aug. 16-29, total 14 days at $230/day	3,220.00	
G. Dion, Aug. 16-29, total 14 days at $230/day	3,220.00	
	$11,847.50	$11,847.50

Food, Accommodation

1902.30 divided by 43-3/4 days = $43.48/man/day		1,902.30

Transportation

Helicopter	$ 2,639.50	
Vehicles, 3005 km at $0.30/km	901.50	
Gas	241.70	
Repairs	31.03	
	$ 3,813.73	3,813.73

Geophysical Instrument Rentals

Magnetometer - 14 days at $20/day	$ 280.00	
Mobile phone - 14 days at $5/day	70.00	
	$ 350.00	350.00

Analyses

411 soil samples cost	$ 3,050.95	
18 rock samples cost	174.90	
	$ 3,225.85	3,225.85
429 samples cost $3,225.85 = $7.52/sample		

Report

Drafting, photocopying, typing, materials, prints		1,980.48
	TOTAL:	$23,119.86

APPENDIX

ROCK SAMPLE DESCRIPTIONS

Co-ordinates	*Description*	*Gold, ppb*
16+50N 7+25W	Chip sample of 0.15 m of fractures and sheared rhyolite with abundant clay, quartz and limonite, trace pyrite; located on footwall of 2 m wide latite dyke which trends N35°W 62°S	5
16+40N 8+80W	0.5 chip sample across zone of fracturing and parallel pyrite and limonite veinlets; local brecciation of rhyolite along some veinlets, common clay and quartz. Additional fracturing with strong limonite may extend for 2.0 m of width. Trend is N40°W 90°.	15
16+40N 9+45W	0.4 m chip sample across N35°W 90° shear zone with quartz, calcite, gossanous limonite and trace pyrite. Host is dacite porphyry dyke on east and siliceous metasediments (?) to west.	150
11+75N 10+50W	Chip sample of 0.15 m quartz, limonite and pyrite vein trending N45°W 90°. Rhyolite host; surficial ferricrete present.	5
10+25N 12+60W	Composite sample of several quartz, limonite veinlets in 5 m wide area, general trend N60°W 65°S; rhyolite host.	100
12+25N 22+10W	20 cm chip of 2-4 cm quartz, limonite vein trending N42°W 90° hosted in strong argillic altered granodiorite (?) probable Kasalka dyke. Included approximately 15 cm of altered wallrock.	70
14+75N 25+25W	0.25 m chip sample of pyritic, silicified intermediate volcanic; abundant chlorite; 5-7% pyrite; occurs adjacent to Kasalka dyke.	<5
9+00N 20+55W	Grab sample from 5-square-metre area of chloritic altered andesite breccia, chlorite fills matrix; patchy limonite replacing pyrite.	<5
7+50N 21+80W	Select sample of float of quartz, limonite vein, vuggy crystalline quartz, 2% pyrite; originates in small fissure trending N45°W 65°S; hosted in andesite flow.	140

Rock Sample Descriptions (cont.)

Co-ordinates	*Description*	*Gold, ppb*
4+45N 21+95W	Grab sample typical of 5 m wide intensely silicified and locally argillic altered volcanic with 8-10% pyrite. Possible mylonitic microbreccia fault zone.	<5
4+40N 17+75W	Select sample of N10°E 65°E orange quartz, carbonate vein which intersects N45°W 62°S 30 cm silicified fault zone containing 5% pyrite. Sample includes both structures.	<5
15+80N 18+80W	0.10 m chip sample of N48°W 76°S trending quartz, calcite vein containing 5% pyrite, 3% galena, 2% sphalerite, trace chalcopyrite; footwall is porphyritic andesite dyke, hanging-wall is chloritic andesite and andesite breccia. Elevation 1509 m (4980').	430 17.7 ppm Ag
15+95N 18+95W	1.70 m chip sample of several quartz, calcite, pyrite veins <5 cm wide within zone of strong orange limonite and carbonate veining; one 4 cm vein has 10% galena, 5% pyrite and 5% sphalerite (?); located 15 m downslope from previous sample.	265 32.0 ppm Ag
16+05N 19+05W	0.27 m chip sample across vein and altered volcanic, may average 2-4% galena, 5% pyrite, with strong quartz, calcite and minor clay.	1550 92.0 ppm Ag
23+00N 12+00W	Grab sample of strong quartz stockwork veining of andesitic (?) volcanic, abundant pyrite and chalcopyrite in quartz and as veinlets; may contain 15% pyrite and 3-5% chalcopyrite, traces of malachite.	140
1+50N 18+35W	Sample of 8 cm wide quartz, pyrite, limonite vein trending N35°W 90°; host is andesite flow or flow breccia, 5-8% pyrite.	145
14+60N 17+10W	0.25 m chip sample across quartz vein containing 5% pyrite, and trace galena; trend N60°W 62°S; intersects perpendicular orange quartz-calcite vein.	160 15.0 ppm Ag

Rock Sample Descriptions (cont.)

Co-ordinates	*Description*	*Gold, ppb*
15+60N 16+30W	Grab sample of two parallel quartz, calcite, pyrite veins trending N35°W 56°S, 2 and 5 cm wide separated by 1 m of fractured and limonite-stained rhyolite; a rhyolite (Kasalka) dyke forms the hangingwall.	10

Gold F.A.-A.A. Combo Method ppb:

For low grade samples and geochemical materials, 10 gram samples are fused in litharge, carbonate and siliceous flux with the addition of 10 mg of Au-free Ag metal and cupelled. The silver bead is parted with dilute HNO_3 and then treated with aqua regia. The salts are dissolved in dilute HCl and analyzed for Au on an atomic absorption spectrophotometer.

Detection limit: 5 ppb

Copper, Lead, Zinc, Silver ppm:

1.0 gm sample is digested with perchloric-nitric acid ($HClO_4$-HNO_3) for approximately 2 hours. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Copper, lead, zinc and silver are determined by atomic absorption techniques. Silver and lead are corrected for background absorption.

Detection limit: Copper, Zinc - 1 ppm
Silver - 0.2 ppm
Lead - 2 ppm

Arsenic ppm:

A 1.0 gm sample is digested with a mixture of perchloric and nitric acid to strong fumes of perchloric acid. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with KI and mixed. A portion of the reduced solution is converted to arsine with $NaBH_4$ and the arsenic content determined using flameless atomic absorption.

Detection limit: 1 ppm

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CERTIFICATE OF ANALYSIS

TO : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617550-001-A
INVOICE # : I8617550
DATE : 16-SEP-86
P.O. # : NONE
PAYDAY-NUSWAT

ATTN: L.B. GOLDSMITH CC: PAUL KALLOCK

Sample description	Prep code	Ag ppm Aqua R	Au ppb FA+AA				
0150N 1135W	205	--	145	--	--	--	--
0440N 1775W	205	--	<5	--	--	--	--
0445N 2095W	205	--	<5	--	--	--	--
0750N 2180W	205	--	140	--	--	--	--
0900N 2055W	205	--	<5	--	--	--	--
1025N 1260W	205	--	100	--	--	--	--
1175N 1050W	205	--	5	--	--	--	--
1225N 2210W	205	--	70	--	--	--	--
1460N 1710W	205	15.0	160	--	--	--	--
1475N 2525W	205	--	<5	--	--	--	--
1560N 1630W	205	--	10	--	--	--	--
1580N 1880W	205	17.7	430	--	--	--	--
595N 1895W	205	32.0	265	--	--	--	--
1605N 1905W	205	92.0	1550	--	--	--	--
1640N 0880W	205	--	15	--	--	--	--
1640N 0945W	205	--	150	--	--	--	--
1650N 0725W	205	--	5	--	--	--	--
2300N 1200W	205	--	140	--	--	--	--

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CERTIFICATE OF ANALYSIS

TO : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617426-001-A
INVOICE # : I8617426
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L01+50N 14+00W	201	<5	--	--	--	--	--
L01+50N 14+50W	201	<5	--	--	--	--	--
L01+50N 15+00W	201	<5	--	--	--	--	--
L01+50N 15+50W	201	<5	--	--	--	--	--
L01+50N 16+00W	201	20	--	--	--	--	--
L01+50N 16+50W	201	40	--	--	--	--	--
L01+50N 17+00W	201	15	--	--	--	--	--
L01+50N 17+50W	201	<5	--	--	--	--	--
L01+50N 20+50W	201	5	--	--	--	--	--
L01+50N 21+00W	201	<5	--	--	--	--	--
L01+50N 21+50W	201	<5	--	--	--	--	--
L01+50N 24+00WA	201	<5	--	--	--	--	--
L01+50N 24+00WB	201	<5	--	--	--	--	--
L01+50W 24+50W	201	<5	--	--	--	--	--
L01+50W 25+00W	201	<5	--	--	--	--	--
L01+50W 25+50W	201	<5	--	--	--	--	--
L01+50W 26+25W	201	<5	--	--	--	--	--
L01+50W 26+50W	201	<5	--	--	--	--	--
L01+50W 27+00W	201	<5	--	--	--	--	--
L01+50W 27+50W	201	10	--	--	--	--	--
L01+50W 28+00W	201	15	--	--	--	--	--
L03+00N 12+00W	201	<5	--	--	--	--	--
L03+00N 12+50W	201	<5	--	--	--	--	--
L03+00N 12+75W	201	<5	--	--	--	--	--
L03+00N 13+75W	201	<5	--	--	--	--	--
L03+00N 14+00W	201	<5	--	--	--	--	--
L03+00N 14+50W	201	<5	--	--	--	--	--
L03+00N 15+00W	201	<5	--	--	--	--	--
L03+00N 15+50W	201	5	--	--	--	--	--
L03+00N 16+00W	201	<5	--	--	--	--	--
L03+00N 16+50W	201	<5	--	--	--	--	--
L03+00N 17+00W	201	15	--	--	--	--	--
L03+00N 17+50W	201	10	--	--	--	--	--
L03+00N 20+00W	201	10	--	--	--	--	--
L03+00N 20+50W	201	5	--	--	--	--	--
L03+00N 21+00W	201	5	--	--	--	--	--
L03+00N 21+50W	201	<5	--	--	--	--	--
L03+00N 22+00W	201	5	--	--	--	--	--
L03+00N 22+50W	201	<5	--	--	--	--	--
L03+00N 23+00WA	201	<5	--	--	--	--	--

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301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617426-002-A
INVOICE # : I8617426
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L03+00N 23+00WB	201	<5	--	--	--	--	--
L03+00N 23+50W	201	<5	--	--	--	--	--
L03+00N 24+00W	201	<5	--	--	--	--	--
L03+00N 24+50W	201	<5	--	--	--	--	--
L03+00N 25+00WA	201	<5	--	--	--	--	--
L03+00N 25+00WB	201	<5	--	--	--	--	--
L03+00N 25+50W	201	<5	--	--	--	--	--
L03+00N 26+00W	201	<5	--	--	--	--	--
L03+00N 26+50W	201	<5	--	--	--	--	--
L03+00N 27+00W	201	<5	--	--	--	--	--
L03+00N 27+50W	201	<5	--	--	--	--	--
L04+50N 12+00W	201	<5	--	--	--	--	--
L04+50N 12+25W	201	<5	--	--	--	--	--
L04+50N 13+50W	201	<5	--	--	--	--	--
L04+50N 14+00W	201	<5	--	--	--	--	--
L04+50N 14+50W	201	<5	--	--	--	--	--
L04+50N 15+00W	201	<5	--	--	--	--	--
L04+50N 15+50W	201	<5	--	--	--	--	--
L04+50N 16+00W	201	<5	--	--	--	--	--
L04+50N 16+50W	201	<5	--	--	--	--	--
L04+50N 17+00W	201	<5	--	--	--	--	--
L04+50N 17+50W	201	<5	--	--	--	--	--
L04+50N 18+00W	201	<5	--	--	--	--	--
L04+50N 18+50W	201	<5	--	--	--	--	--
L04+50N 19+00W	201	<5	--	--	--	--	--
L04+50N 19+50W	201	<5	--	--	--	--	--
L04+50N 20+50W	201	<5	--	--	--	--	--
L04+50N 21+00W	201	<5	--	--	--	--	--
L04+50N 21+50W	201	<5	--	--	--	--	--
L04+50N 22+00W	201	<5	--	--	--	--	--
L04+50N 22+50W	201	<5	--	--	--	--	--
L04+50N 23+00W	201	<5	--	--	--	--	--
L04+50N 23+50W	201	<5	--	--	--	--	--
L04+50N 24+00W	201	<5	--	--	--	--	--
L04+50N 26+00W	201	<5	--	--	--	--	--
L04+50N 26+50W	201	<5	--	--	--	--	--
L04+50N 27+00W	201	<5	--	--	--	--	--
L04+50N 27+50W	201	<5	--	--	--	--	--
L04+50N 28+00W	201	<5	--	--	--	--	--
L04+50N 28+50W	201	<5	--	--	--	--	--

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301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617426-003-A
INVOICE # : I8617426
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L04+50N 29+00W	201	<5	--	--	--	--	--
L04+50N 29+50W	201	<5	--	--	--	--	--
L04+50N 30+00W	201	<5	--	--	--	--	--
L04+50N 30+50W	201	<5	--	--	--	--	--
L04+50N 31+00W	201	<5	--	--	--	--	--
L06+00N 12+50W	201	<5	--	--	--	--	--
L06+00N 13+00W	201	<5	--	--	--	--	--
L06+00N 13+50W	201	30	--	--	--	--	--
L06+00N 14+00W	201	<5	--	--	--	--	--
L06+00N 14+50W	201	5	--	--	--	--	--
L06+00N 15+00W	201	5	--	--	--	--	--
L06+00N 15+50W	201	<5	--	--	--	--	--
L06+00N 16+00W	201	5	--	--	--	--	--
L06+00N 16+50W	201	<5	--	--	--	--	--
L06+00N 17+00W	201	<5	--	--	--	--	--
L06+00N 17+50W	201	<5	--	--	--	--	--
L06+00N 18+50W	201	<5	--	--	--	--	--
L06+00N 19+00W	201	<5	--	--	--	--	--
L06+00N 19+50W	201	<5	--	--	--	--	--
L06+00N 20+00W	201	<5	--	--	--	--	--
L06+00N 20+50W	201	<5	--	--	--	--	--
L06+00N 21+00W	201	<5	--	--	--	--	--
L06+00N 21+50W	201	<5	--	--	--	--	--
L06+00N 22+00W	201	<5	--	--	--	--	--
L06+00N 22+50W	201	<5	--	--	--	--	--
L06+00N 23+00W	201	<5	--	--	--	--	--
L06+00N 23+50W	201	<5	--	--	--	--	--
L06+00N 24+00W	201	<5	--	--	--	--	--
L06+00N 24+50W	201	<5	--	--	--	--	--
L06+00N 25+00W	201	<5	--	--	--	--	--
L06+00N 25+50W	201	<5	--	--	--	--	--
L06+00N 26+00W	201	<5	--	--	--	--	--
L06+00N 27+00W	201	<5	--	--	--	--	--
L06+00N 28+00W	201	<5	--	--	--	--	--
L06+00N 29+00W	201	<5	--	--	--	--	--
L06+00N 29+50W	201	<5	--	--	--	--	--
L06+00N 30+00W	201	<5	--	--	--	--	--
L06+00N 30+50W	201	<5	--	--	--	--	--
L06+00N 31+00W	201	<5	--	--	--	--	--
L07+50N 18+50W	201	<5	--	--	--	--	--

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301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617426-004-A
INVOICE # : I8617426
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L07+50N 19+00W	201	<5	--	--	--	--	--
L07+50N 19+50W	201	<5	--	--	--	--	--
L07+50N 20+00W	201	<5	--	--	--	--	--
L07+50N 20+50W	201	<5	--	--	--	--	--
L07+50N 21+00W	201	<5	--	--	--	--	--
L07+50N 21+50W	201	<5	--	--	--	--	--
L07+50N 22+00W	201	<5	--	--	--	--	--
L07+50N 22+50W	201	<5	--	--	--	--	--
L07+50N 23+00W	201	<5	--	--	--	--	--
L07+50N 23+50W	201	<5	--	--	--	--	--
L07+50N 24+00W	201	<5	--	--	--	--	--
L07+50N 24+50W	201	<5	--	--	--	--	--
L07+50N 25+00W	201	<5	--	--	--	--	--
L09+00N 18+50W	201	<5	--	--	--	--	--
L09+00N 19+00W	201	<5	--	--	--	--	--
L09+00N 19+50W	201	<5	--	--	--	--	--
L09+00N 20+00W	201	<5	--	--	--	--	--
L09+00N 20+50W	201	5	--	--	--	--	--
L09+00N 21+00W	201	<5	--	--	--	--	--
L09+00N 21+50W	201	<5	--	--	--	--	--
L09+00N 22+00W	201	<5	--	--	--	--	--
L09+00N 22+50W	201	<5	--	--	--	--	--
L09+00N 23+00W	201	5	--	--	--	--	--
L09+00N 23+50W	201	<5	--	--	--	--	--
L09+00N 24+00W	201	<5	--	--	--	--	--
L09+00N 24+50W	201	<5	--	--	--	--	--
L10+50N 18+50W	201	15	--	--	--	--	--
L10+50N 19+00W	201	10	--	--	--	--	--
L10+50N 19+50W	201	15	--	--	--	--	--
L10+50N 20+00W	201	<5	--	--	--	--	--
L10+50N 20+50W	201	<5	--	--	--	--	--
L10+50N 21+00W	201	<5	--	--	--	--	--
L10+50N 21+50W	201	<5	--	--	--	--	--
L10+50N 22+00W	201	<5	--	--	--	--	--
L10+50N 22+50W	201	<5	--	--	--	--	--
L10+50N 23+00W	201	20	--	--	--	--	--
L10+50N 23+50W	201	<5	--	--	--	--	--
L10+50N 24+50W	201	<5	--	--	--	--	--
L10+50N 25+00W	201	<5	--	--	--	--	--
L10+50N 25+50W	201	10	--	--	--	--	--

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301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617426-005-A
INVOICE # : I8617426
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA						
L10+50N 26+00W	201	<5	--	--	--	--	--	
L10+50N 26+50W	201	<5	--	--	--	--	--	
L10+50N 27+00W	201	<5	--	--	--	--	--	
L10+50N 27+50W	201	<5	--	--	--	--	--	
L10+50N 28+00W	201	<5	--	--	--	--	--	
L10+50N 28+50W	201	<5	--	--	--	--	--	
L10+50N 29+00W	201	<5	--	--	--	--	--	
L10+50N 29+50W	201	<5	--	--	--	--	--	
L10+50N 30+00W	201	<5	--	--	--	--	--	
L12+00N 18+50W	201	<5	--	--	--	--	--	
L12+00N 19+00W	201	<5	--	--	--	--	--	
L12+00N 19+50W	201	15	--	--	--	--	--	
L12+00N 20+00W	201	20	--	--	--	--	--	
L12+00N 20+50W	201	<5	--	--	--	--	--	
L12+00N 21+00W	201	<5	--	--	--	--	--	
L12+00N 21+50W	201	<5	--	--	--	--	--	
L12+00N 22+00W	201	<5	--	--	--	--	--	
L12+00N 22+50W	201	<5	--	--	--	--	--	
L12+00N 23+00W	201	<5	--	--	--	--	--	
L12+00N 23+50W	201	<5	--	--	--	--	--	
L12+00N 24+00W	201	<5	--	--	--	--	--	
L12+00N 24+50W	201	<5	--	--	--	--	--	
L12+00N 25+00W	201	<5	--	--	--	--	--	
L12+00N 25+50W	201	15	--	--	--	--	--	
L12+00N 26+00W	201	<5	--	--	--	--	--	
L12+00N 26+50W	201	<5	--	--	--	--	--	
L12+00N 27+00W	201	5	--	--	--	--	--	
L12+00N 27+50W	201	<5	--	--	--	--	--	
L12+00N 28+50W	203	20	--	--	--	--	--	
L12+00N 29+00W	201	<5	--	--	--	--	--	
L12+00N 30+00W	201	95	--	--	--	--	--	
L13+50N 18+00W	201	5	--	--	--	--	--	
L13+50N 18+50W	201	<5	--	--	--	--	--	
L13+50N 19+00W	201	300	--	--	--	--	--	
L13+50N 19+50W	201	270	--	--	--	--	--	
L13+50N 20+00W	201	<5	--	--	--	--	--	
L13+50N 20+50W	201	<5	--	--	--	--	--	
L13+50N 21+00W	201	<5	--	--	--	--	--	
L13+50N 21+50W	201	5	--	--	--	--	--	
L13+50N 22+00W	201	<5	--	--	--	--	--	

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CERTIFICATE OF ANALYSIS

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301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617426-006-A
INVOICE # : I8617426
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L13+50N 22+50W	201	<5	--	--	--	--	--
L13+50N 23+00W	201	<5	--	--	--	--	--
L13+50N 23+50W	201	10	--	--	--	--	--
L13+50N 24+00W	201	<5	--	--	--	--	--
L13+50N 24+50W	201	<5	--	--	--	--	--
L13+50N 25+00W	201	<5	--	--	--	--	--
L13+50N 25+50W	201	<5	--	--	--	--	--
L13+50N 26+00W	201	<5	--	--	--	--	--
L13+50N 26+50W	201	<5	--	--	--	--	--
L13+50N 27+00W	201	<5	--	--	--	--	--
L13+50N 27+50W	201	<5	--	--	--	--	--
L13+50N 28+00W	201	<5	--	--	--	--	--
L13+50N 28+50W	201	20	--	--	--	--	--
L13+50N 29+00W	201	<5	--	--	--	--	--
L13+50N 29+50W	201	<5	--	--	--	--	--
L13+50N 30+00W	201	<5	--	--	--	--	--
L15+00N 18+00W	201	<5	--	--	--	--	--
L15+00N 18+50W	201	20	--	--	--	--	--
L15+00N 19+00W	201	5	--	--	--	--	--
L15+00N 19+50W	201	<5	--	--	--	--	--
L15+00N 20+00W	201	<5	--	--	--	--	--
L15+00N 20+50W	201	<5	--	--	--	--	--
L15+00N 21+00W	201	<5	--	--	--	--	--
L15+00N 21+50W	201	<5	--	--	--	--	--
L15+00N 22+00W	201	<5	--	--	--	--	--
L15+00N 22+75W	201	<5	--	--	--	--	--
L15+00N 23+00W	201	<5	--	--	--	--	--
L15+00N 23+50W	201	<5	--	--	--	--	--
L15+00N 24+00W	201	<5	--	--	--	--	--
L15+00N 24+50W	201	<5	--	--	--	--	--
L15+00N 25+00W	201	<5	--	--	--	--	--
L15+00N 25+50W	201	<5	--	--	--	--	--
L15+00N 26+00W	203	<5	--	--	--	--	--
L15+00N 26+50W	201	<5	--	--	--	--	--
L15+00N 27+00W	201	<5	--	--	--	--	--
L15+00N 27+50W	201	<5	--	--	--	--	--
L15+00N 28+00W	201	<5	--	--	--	--	--
L15+00N 28+50W	201	<5	--	--	--	--	--
L15+00N 29+00W	201	<5	--	--	--	--	--
L15+75N 04+50W	201	25	--	--	--	--	--

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CERTIFICATE OF ANALYSIS

TO : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617427-001-A
INVOICE # : I8617427
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L15+75N 04+75W	201	50	--	--	--	--	--
L15+75N 05+00W	201	55	--	--	--	--	--
L15+75N 05+25W	201	40	--	--	--	--	--
L15+75N 05+50W	201	30	--	--	--	--	--
L15+75N 05+75W	201	50	--	--	--	--	--
L15+75N 06+00W	201	45	--	--	--	--	--
L15+75N 06+25W	201	150	--	--	--	--	--
L15+75N 06+50W	201	35	--	--	--	--	--
L15+75N 06+75W	201	130	--	--	--	--	--
L15+75N 07+00W	201	65	--	--	--	--	--
L15+75N 07+25W	201	100	--	--	--	--	--
L15+75N 07+50W	201	270	--	--	--	--	--
15+75N 07+75W	201	35	--	--	--	--	--
_15+75N 08+00W	201	50	--	--	--	--	--
L15+75N 08+25W	201	110	--	--	--	--	--
L15+75N 08+50W	201	35	--	--	--	--	--
L15+75N 08+75W	201	130	--	--	--	--	--
L15+75N 09+00W	201	135	--	--	--	--	--
L15+75N 09+25W	201	30	--	--	--	--	--
L15+75N 09+50W	201	40	--	--	--	--	--
L15+75N 09+75W	201	40	--	--	--	--	--
L15+75N 10+00W	201	30	--	--	--	--	--
L15+75N 10+25W	201	20	--	--	--	--	--
L15+75N 10+50W	201	65	--	--	--	--	--
L15+75N 10+75W	201	55	--	--	--	--	--
L15+75N 11+00W	201	15	--	--	--	--	--
L15+75N 11+25W	201	10	--	--	--	--	--
L15+75N 11+50W	201	5	--	--	--	--	--
L15+75N 11+75W	201	5	--	--	--	--	--
L15+75N 12+00W	201	<5	--	--	--	--	--
L16+50N 04+50W	201	20	--	--	--	--	--
L16+50N 05+00W	201	15	--	--	--	--	--
L16+50N 05+50W	201	35	--	--	--	--	--
L16+50N 06+00W	201	55	--	--	--	--	--
L16+50N 07+00W	201	50	--	--	--	--	--
L16+50N 07+50W	201	75	--	--	--	--	--
L16+50N 07+90W	201	155	--	--	--	--	--
L16+50N 08+50W	201	135	--	--	--	--	--
16+50N 09+00W	201	210	--	--	--	--	--
L16+50N 09+50W	201	55	--	--	--	--	--

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CERTIFICATE OF ANALYSIS

TO : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617427-002-A
INVOICE # : I8617427
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L16+50N 10+00W	201	45	--	--	--	--	--
L16+50N 10+50W	201	25	--	--	--	--	--
L16+50N 10+90W	201	35	--	--	--	--	--
L16+50N 11+50W	201	40	--	--	--	--	--
L16+50N 12+00W	201	25	--	--	--	--	--
L16+50N 12+40W	201	<5	--	--	--	--	--
L16+50N 13+20W	201	<5	--	--	--	--	--
L16+50N 13+50W	201	20	--	--	--	--	--
L16+50N 14+00W	201	15	--	--	--	--	--
L16+50N 14+50W	201	<5	--	--	--	--	--
L16+50N 15+00W	201	5	--	--	--	--	--
L16+50N 15+50W	201	<5	--	--	--	--	--
16+50N 16+00W	201	<5	--	--	--	--	--
L16+50N 16+50W	201	<5	--	--	--	--	--
L16+50N 17+00W	201	<5	--	--	--	--	--
L16+50N 17+50W	201	<5	--	--	--	--	--
L16+50N 18+00W	201	<5	--	--	--	--	--
L16+50N 18+50W	203	<5	--	--	--	--	--
L16+50N 19+00W	201	<5	--	--	--	--	--
L16+50N 19+50W	203	<5	--	--	--	--	--
L16+50N 20+00W	201	<5	--	--	--	--	--
L16+50N 20+50W	201	<5	--	--	--	--	--
L16+50N 21+00W	201	5	--	--	--	--	--
L16+50N 21+50W	201	<5	--	--	--	--	--
L16+50N 22+00W	201	<5	--	--	--	--	--
L16+50N 22+50W	201	<5	--	--	--	--	--
L16+50N 23+00W	201	<5	--	--	--	--	--
L16+50N 23+50W	201	<5	--	--	--	--	--
L16+50N 24+00W	201	<5	--	--	--	--	--
L16+50N 24+50W	201	<5	--	--	--	--	--
L16+50N 25+00W	201	<5	--	--	--	--	--
L16+50N 25+50W	201	<5	--	--	--	--	--
L16+50N 26+00W	201	<5	--	--	--	--	--
L16+50N 26+50W	201	<5	--	--	--	--	--
L16+50N 27+00W	201	<5	--	--	--	--	--
L16+50N 27+50W	201	<5	--	--	--	--	--
L16+50N 28+00W	201	<5	--	--	--	--	--
L16+50N 28+50W	201	<5	--	--	--	--	--
16+50N 29+00W	201	90	--	--	--	--	--
L17+25N 05+00W	201	30	--	--	--	--	--

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CERTIFICATE OF ANALYSIS

TO : ARCTEX ENGINEERING

301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617427-003-A
INVOICE # : I8617427
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L17+25N 05+50W	201	20	--	--	--	--	--
L17+25N 06+00W	201	40	--	--	--	--	--
L17+25N 06+50W	201	30	--	--	--	--	--
L17+25N 07+00W	201	25	--	--	--	--	--
L17+25N 07+50W	201	50	--	--	--	--	--
L17+25N 08+00W	201	390	--	--	--	--	--
L17+25N 08+50W	201	130	--	--	--	--	--
L17+25N 09+00W	201	55	--	--	--	--	--
L17+25N 09+50W	201	75	--	--	--	--	--
L17+25N 10+75W	201	20	--	--	--	--	--
L17+25N 11+25W	201	35	--	--	--	--	--
L17+25N 11+50W	203	5	--	--	--	--	--
17+25N 12+00W	201	35	--	--	--	--	--
OLDL17+80N 5+25W	201	175	--	--	--	--	--
OLDL17+80N 5+50W	201	15	--	--	--	--	--
OLDL17+80N 5+75W	201	25	--	--	--	--	--
OLDL18+00N 5+75W	201	30	--	--	--	--	--
OLDL18+00N 6+00W	201	10	--	--	--	--	--
OLDL18+00N 6+50W	201	40	--	--	--	--	--
OLDL18+00N 6+75W	201	20	--	--	--	--	--
OLDL18+00N 7+00W	201	60	--	--	--	--	--
OLDL18+00N 7+25W	201	85	--	--	--	--	--
OLDL18+00N 7+50W	201	140	--	--	--	--	--
OLDL18+00N 7+75W	201	55	--	--	--	--	--
OLDL18+00N 8+00W	201	400	--	--	--	--	--
OLDL18+00N 8+25W	201	200	--	--	--	--	--
OLDL18+00N 8+50W	201	95	--	--	--	--	--
OLDL18+00N 8+75W	201	170	--	--	--	--	--
OLDL18+00N 9+25W	201	40	--	--	--	--	--
L18+00N 07+00W	201	40	--	--	--	--	--
L18+00N 07+25W	201	210	--	--	--	--	--
L18+00N 07+50W	201	810	--	--	--	--	--
L18+00N 08+00W	201	80	--	--	--	--	--
L18+00N 08+50W	201	40	--	--	--	--	--
L18+00N 09+00W	201	55	--	--	--	--	--
L18+00N 09+25W	201	105	--	--	--	--	--
L18+00N 09+50W	201	70	--	--	--	--	--
L18+00N 10+00W	201	70	--	--	--	--	--
18+00N 10+50W	201	50	--	--	--	--	--
L18+00N 11+00W	201	35	--	--	--	--	--

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301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617427-004-A
INVOICE # : I8617427
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L18+00N 14+00W	201	110	--	--	--	--	--
L18+00N 14+50W	201	10	--	--	--	--	--
L18+00N 15+00W	201	10	--	--	--	--	--
L18+00N 15+50W	201	30	--	--	--	--	--
L18+00N 16+00W	201	15	--	--	--	--	--
L18+00N 16+50W	201	5	--	--	--	--	--
L18+00N 17+50W	201	<5	--	--	--	--	--
L18+00N 18+00W	201	10	--	--	--	--	--
L18+00N 18+50W	201	30	--	--	--	--	--
L18+00N 19+00W	201	<5	--	--	--	--	--
L18+00N 19+50W	201	10	--	--	--	--	--
L18+00N 20+00W	217	<5	--	--	--	--	--
18+00N 21+50W	217	<5	--	--	--	--	--
L18+00N 22+00W	201	10	--	--	--	--	--
L18+00N 22+50W	201	<5	--	--	--	--	--
L18+00N 23+00W	201	<5	--	--	--	--	--
L18+00N 23+50W	201	<5	--	--	--	--	--
L18+00N 24+00W	201	<5	--	--	--	--	--
L18+00N 24+50W	201	5	--	--	--	--	--
L18+00N 25+00W	201	<5	--	--	--	--	--
L18+00N 25+50W	201	<5	--	--	--	--	--
L18+00N 26+00W	201	<5	--	--	--	--	--
L18+00N 26+50W	203	<5	--	--	--	--	--
L18+00N 27+00W	201	<5	--	--	--	--	--
L18+00N 27+50W	201	10	--	--	--	--	--
L18+00N 28+00W	201	25	--	--	--	--	--
L18+00N 28+50W	201	5	--	--	--	--	--
L18+00N 29+00W	201	<5	--	--	--	--	--
L19+50N 04+50W	201	40	--	--	--	--	--
L19+50N 05+00W	201	35	--	--	--	--	--
L19+50N 05+50W	201	25	--	--	--	--	--
L19+50N 06+50W	201	60	--	--	--	--	--
L19+50N 07+00W	201	45	--	--	--	--	--
L19+50N 07+50W	201	500	--	--	--	--	--
L19+50N 08+50W	201	100	--	--	--	--	--
L19+50N 09+00W	203	5	--	--	--	--	--
L19+50N 10+00W	201	35	--	--	--	--	--
L19+50N 10+50W	203	15	--	--	--	--	--
L19+50N 11+00W	201	15	--	--	--	--	--
L19+50N 11+50W	203	5	--	--	--	--	--

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301 - 1855 BALSAM ST.
VANCOUVER, B.C.
V6K 3M3

CERT. # : A8617427-005-A
INVOICE # : I8617427
DATE : 8-SEP-86
P.O. # : NONE
PAYDAY

Sample description	Prep code	Au ppb FA+AA					
L19+50N 12+00W	201	40	--	--	--	--	--
L19+50N 12+50W	201	<5	--	--	--	--	--
L19+50N 13+00W	201	85	--	--	--	--	--
L19+50N 13+50W	201	25	--	--	--	--	--
L19+50N 14+00W	201	<5	--	--	--	--	--
L19+50N 14+50W	201	<5	--	--	--	--	--
L19+50N 15+00W	201	<5	--	--	--	--	--
L19+50N 15+50W	201	<5	--	--	--	--	--
L19+50N 16+00W	201	<5	--	--	--	--	--
L19+50N 16+50W	201	<5	--	--	--	--	--
L19+50N 17+00W	201	10	--	--	--	--	--
L19+50N 17+50W	201	<5	--	--	--	--	--
19+50N 18+00W	201	<5	--	--	--	--	--

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LEGEND

YOUNGER DYKES

- **T** TRACHITE
- **L** LATITE
- **A** ANDESITE
- **R** RHYODACITE (KASALKA ?)
- **Q** QUARTZ PORPHYRY
- **F** FELDSPAR PORPHYRY

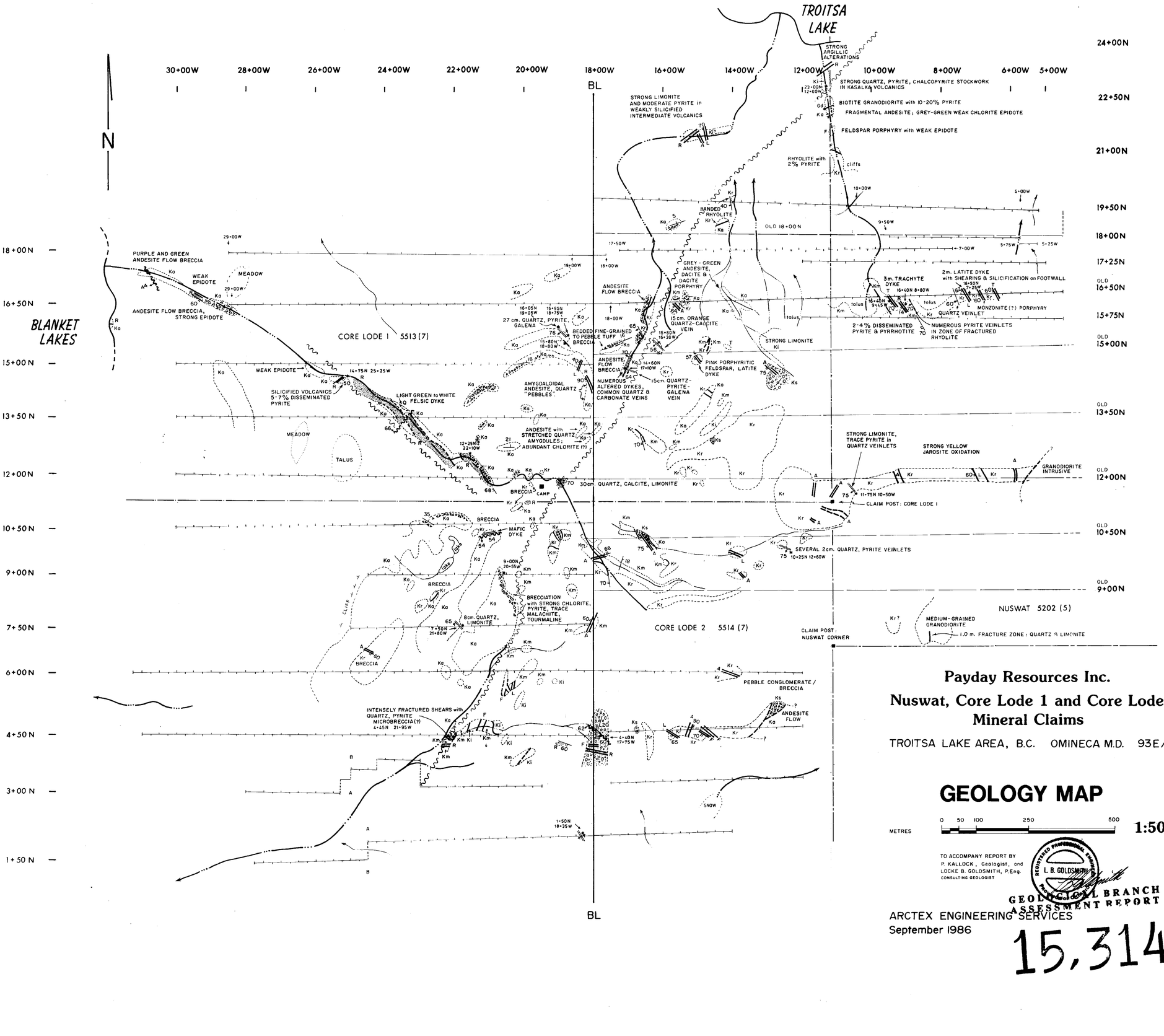
UPPER CRETACEOUS
KASALKA GROUP

- Kr - RHYOLITE OR RHYODACITE, BERGETTE FORMATION
- Ks - PEBBLE CONGLOMERATE, BRECCIA, FINE-GRAINED SANDSTONE
- Ki - INTERMEDIATE VOLCANIC FLOW OR FINE-GRAINED TUFF
- Km - METASEDIMENT and/or METAVOLCANIC; BLACK, APHANITIC, DENSE, STRONGLY LIMONITIC, PYRITIC.
- Ka - ANDESITE, LESSER DACITE AND BASALT FLOWS, BRECCIAS AND TUFFS, GENERALLY CHLORITIC, WITH CALCITE, OR QUARTZ VEINLETS, RARELY AMYGDALOIDAL.
- FRAGMENTAL

LATE CRETACEOUS
BULKLEY INTRUSIONS

- Gd - FINE TO MEDIUM-GRAINED BIOTITE GRANODIORITE

- OUTCROP LIMIT
- STREAMS, DRAINAGE
- LITHOLOGICAL CONTACT
- DYKE, with ATTITUDE
- BEDDING OR LAYERING ATTITUDE (horizontal)
- JOINTING OR DOMINANT FRACTURE ATTITUDE
- VEIN ATTITUDE
- FAULT ZONE with ATTITUDE
- IMPLIED REGIONAL FAULT ZONE
- ROCK SAMPLE LOCATION (e.g. 14+25N 25+25W)



Payday Resources Inc.

Nuswat, Core Lode 1 and Core Lode 2 Mineral Claims

TROITSA LAKE AREA, B.C. OMINECA M.D. 93E/11W

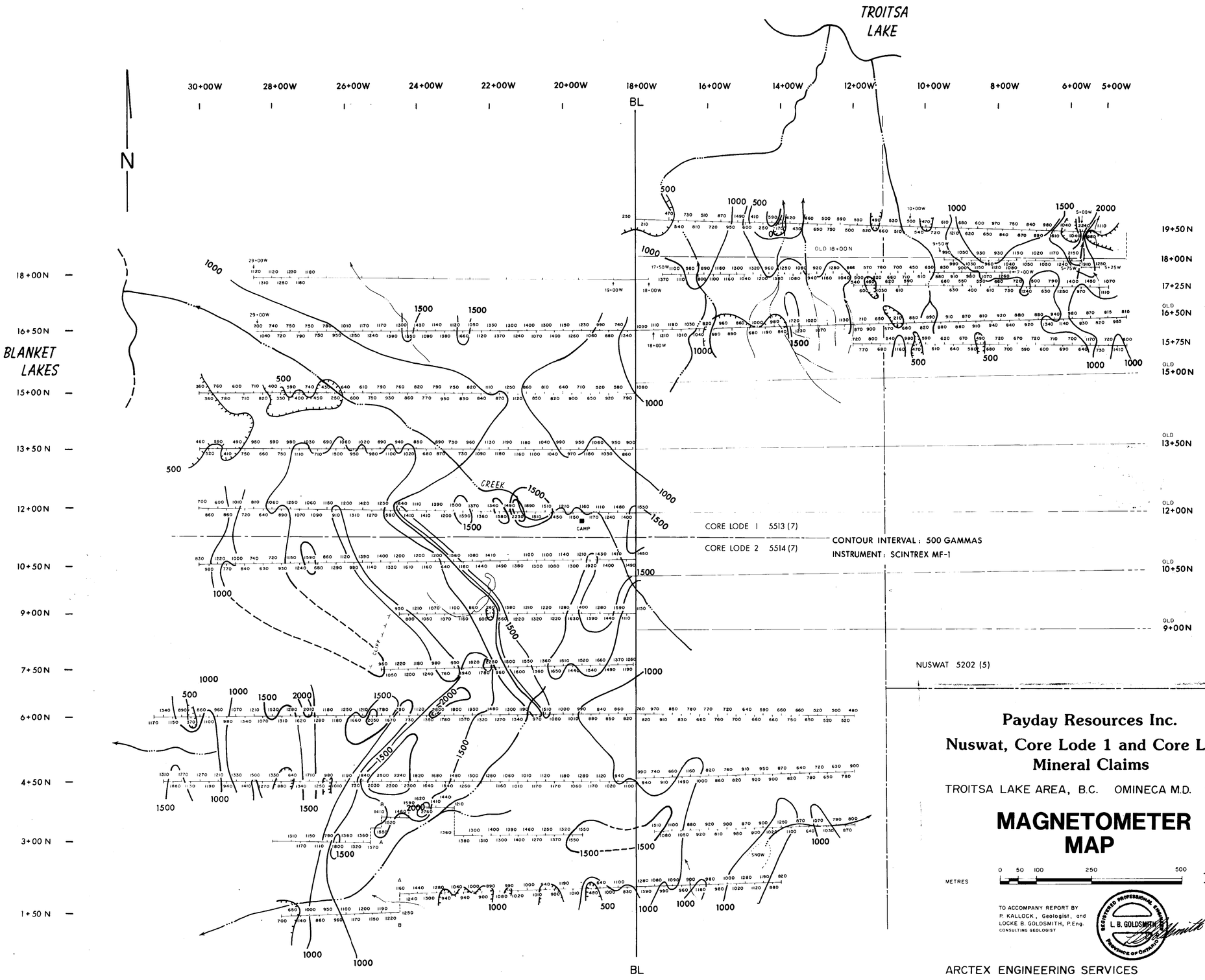
GEOLOGY MAP

METRES 0 50 100 250 500 1:5000

TO ACCOMPANY REPORT BY
P. KALLOCK, Geologist, and
LOCKE B. GOLDSMITH, P.Eng.
CONSULTING GEOLOGIST

REGISTERED PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA L. B. GOLDSMITH

ARCTEX ENGINEERING SERVICES
September 1986



NUSWAT 5202 (5)

Payday Resources Inc.

Nuswat, Core Lode 1 and Core Lode 2 Mineral Claims

TROITSA LAKE AREA, B.C. OMINECA M.D. 93E/11W

MAGNETOMETER MAP

METRES 0 50 100 250 500 1:5000

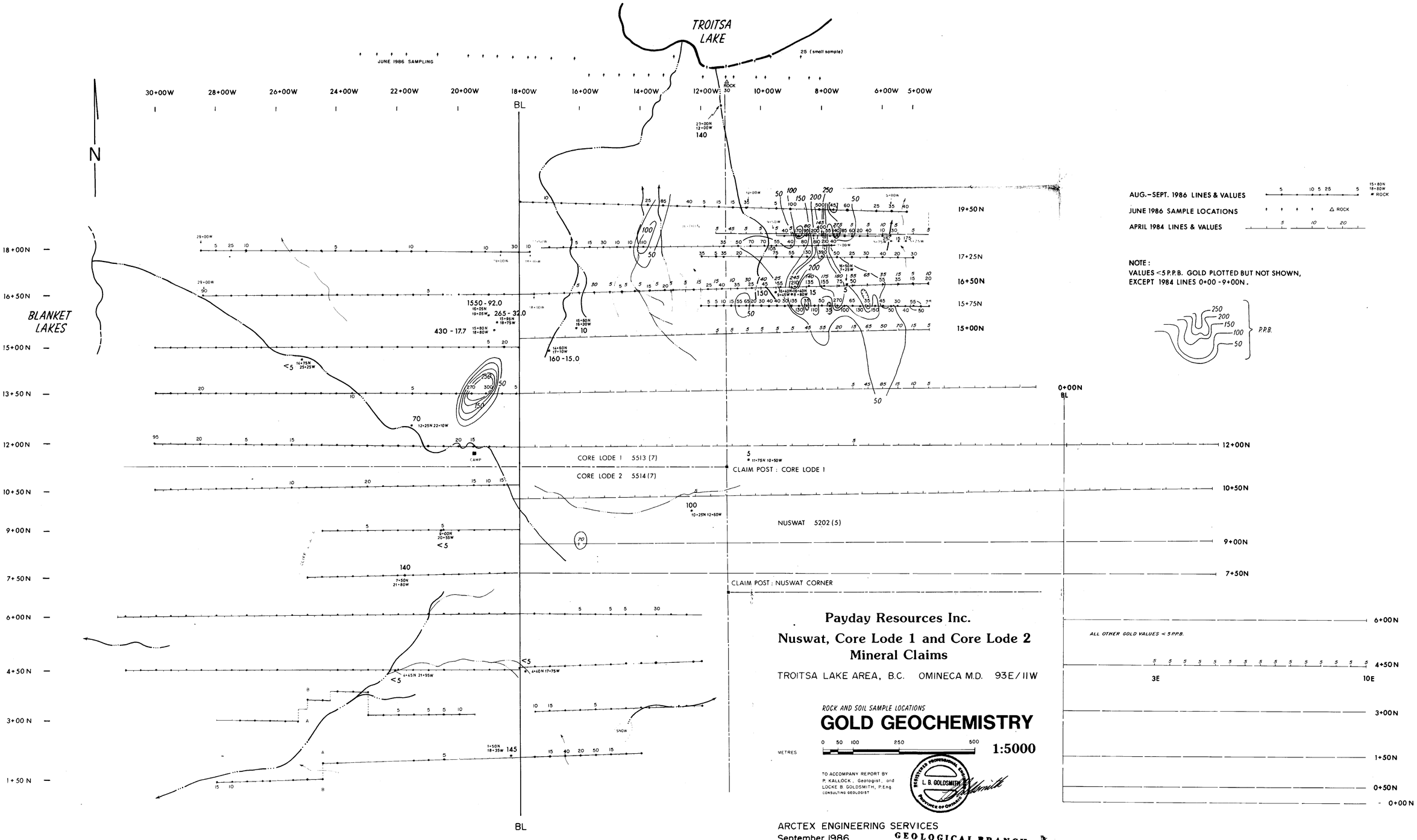
TO ACCOMPANY REPORT BY
P. KALLOCK, Geologist, and
LOCKE B. GOLDSMITH, P.Eng.
CONSULTING GEOLOGIST

REGISTERED PROFESSIONAL ENGINEER L. B. GOLDSMITH PROVINCE OF ONTARIO

ARCTEX ENGINEERING SERVICES
September 1986

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,314



AUG.–SEPT. 1986 LINES & VALUES

JUNE 1986 SAMPLE LOCATIONS

APRIL 1984 LINES & VALUES

NOTE :
VALUES <5 P.P.B. GOLD PLOTTED BUT NOT SHOWN, EXCEPT 1984 LINES 0+00 -9+00N.

P.P.B.

Payday Resources Inc.

Nuswat, Core Lode 1 and Core Lode 2 Mineral Claims

TROITSA LAKE AREA, B.C. OMINECA M.D. 93E/11W

ROCK AND SOIL SAMPLE LOCATIONS

GOLD GEOCHEMISTRY

METRES 0 50 100 250 500 1:5000

TO ACCOMPANY REPORT BY
P. KALLOCK, Geologist, and
LOCKE B. GOLDSMITH, P.Eng.
CONSULTING GEOLOGIST

REGISTERED PROFESSIONAL ENGINEER L. B. GOLDSMITH PROVINCE OF ONTARIO

ARCTEX ENGINEERING SERVICES
September 1986

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ASSESSMENT REPORT

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